FIG. 1

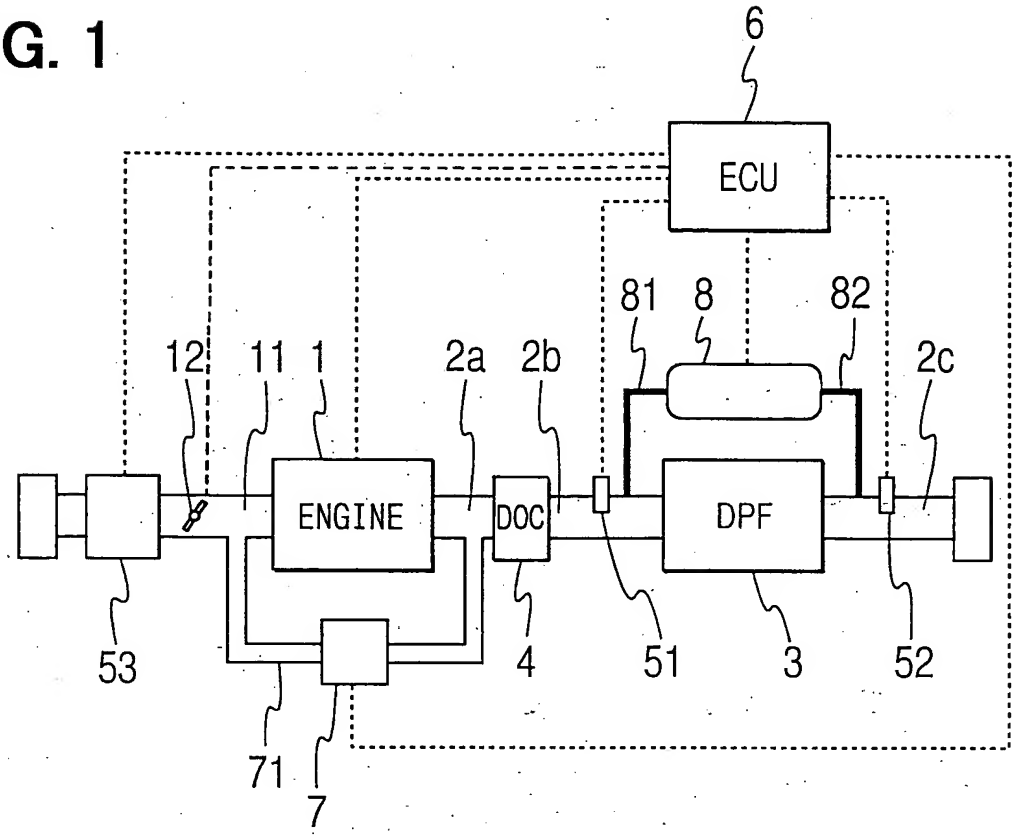

FIG. 2

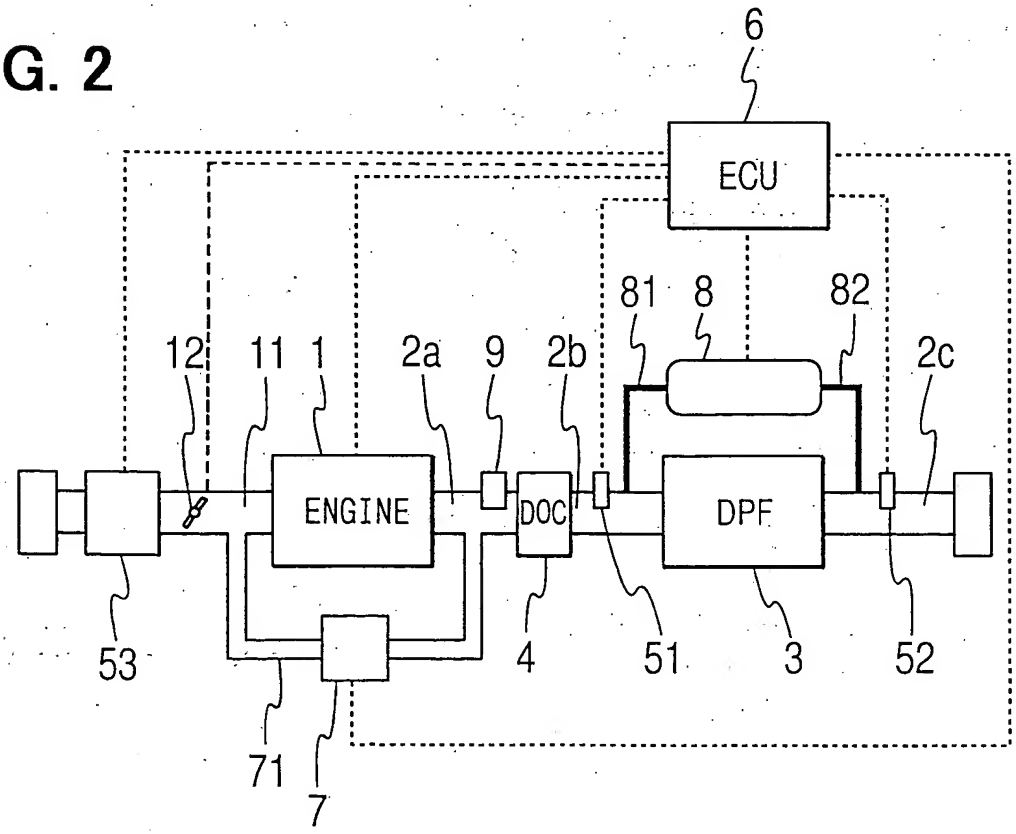

FIG. 3

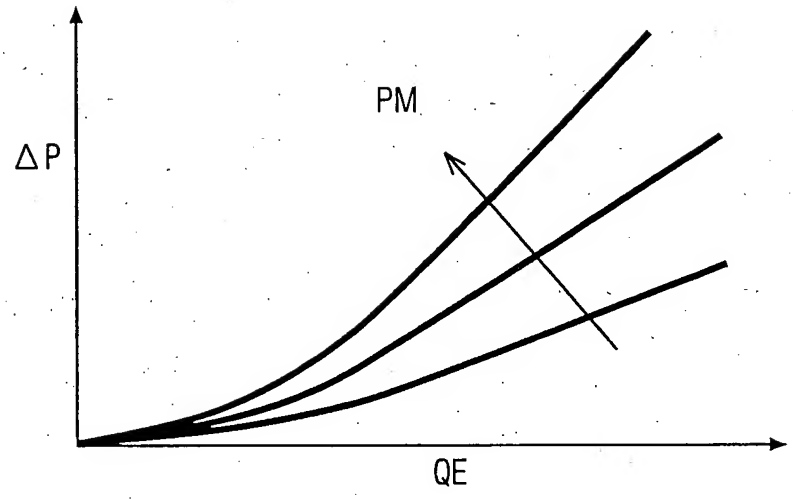

FIG. 4

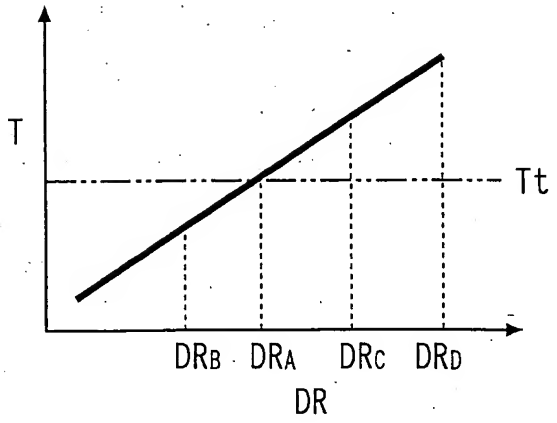

FIG. 5

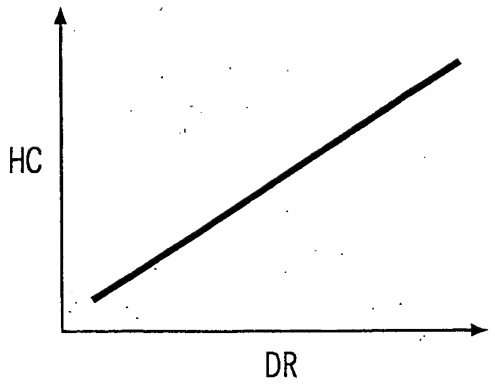

FIG. 6

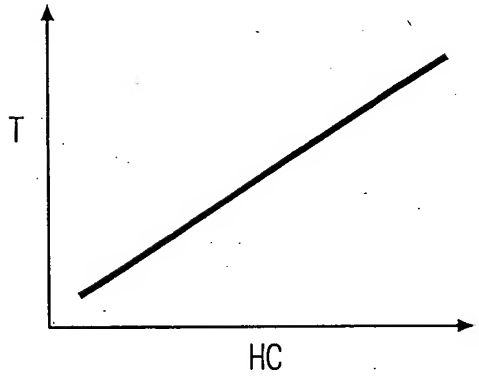

FIG. 7

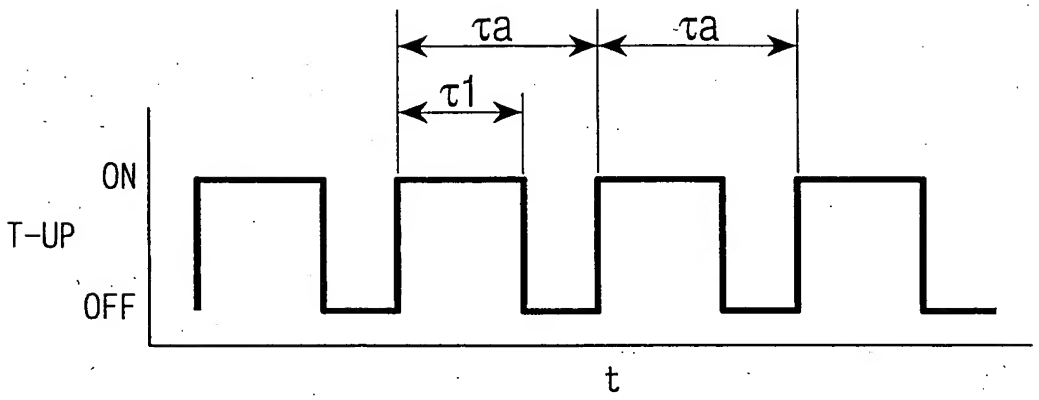

FIG. 8

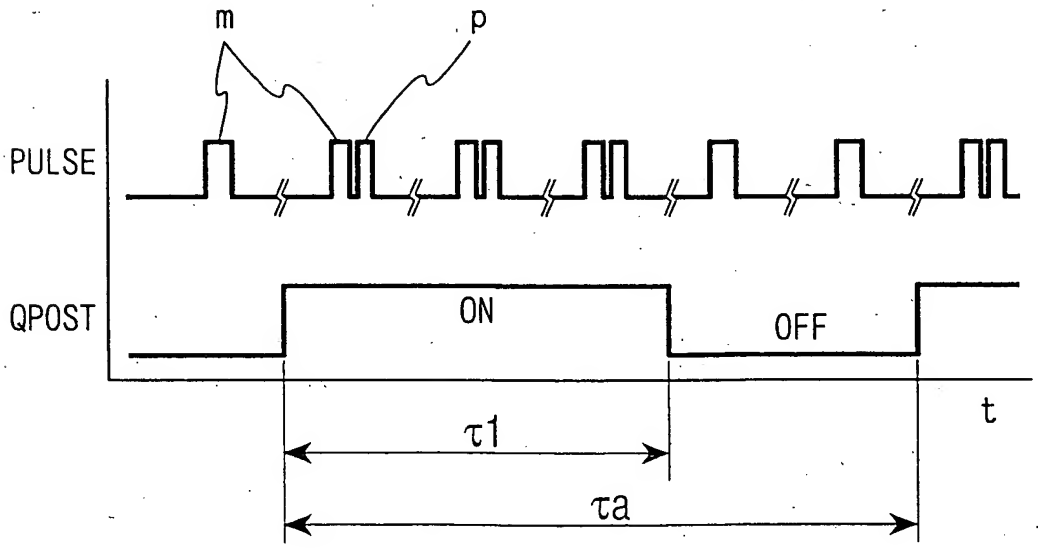

FIG. 9

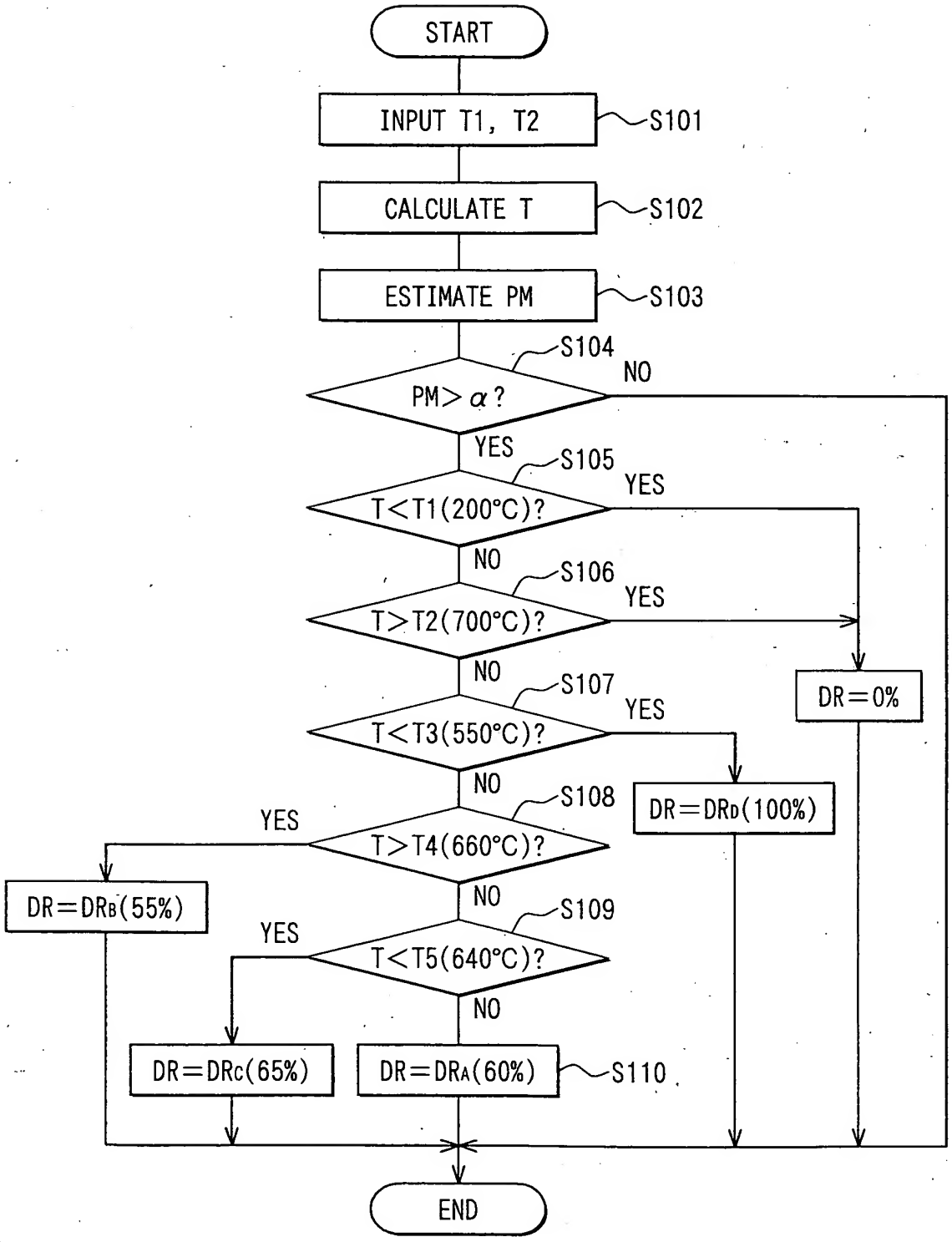
START
INPUT T1, T2
S101
CALCULATE T
S102
ESTIMATE PM
S103
S104
PM> α ?
NO
YES
S105
T<T1(200°C)?
YES
NO
S106
T>T2(700°C)?
YES
NO
S107
T<T3(550°C)?
YES
NO
S108
T>T4(660°C)?
YES
NO
S109
T<T5(640°C)?
YES
NO
DR=0%
DR=DRD(100%)
DR=DRB(55%)
DR=DRC(65%)
DR=DRA(60%)
S110
END

FIG. 10

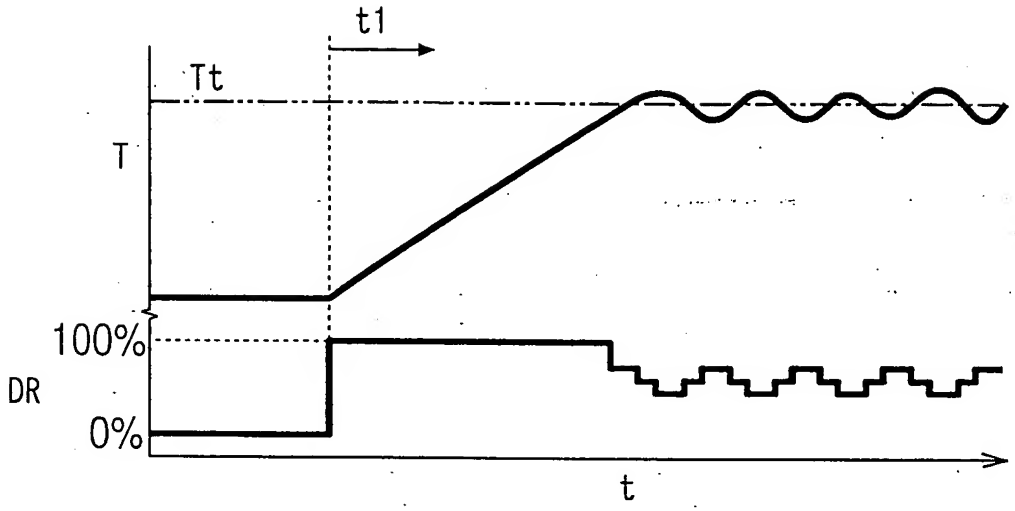

FIG. 11

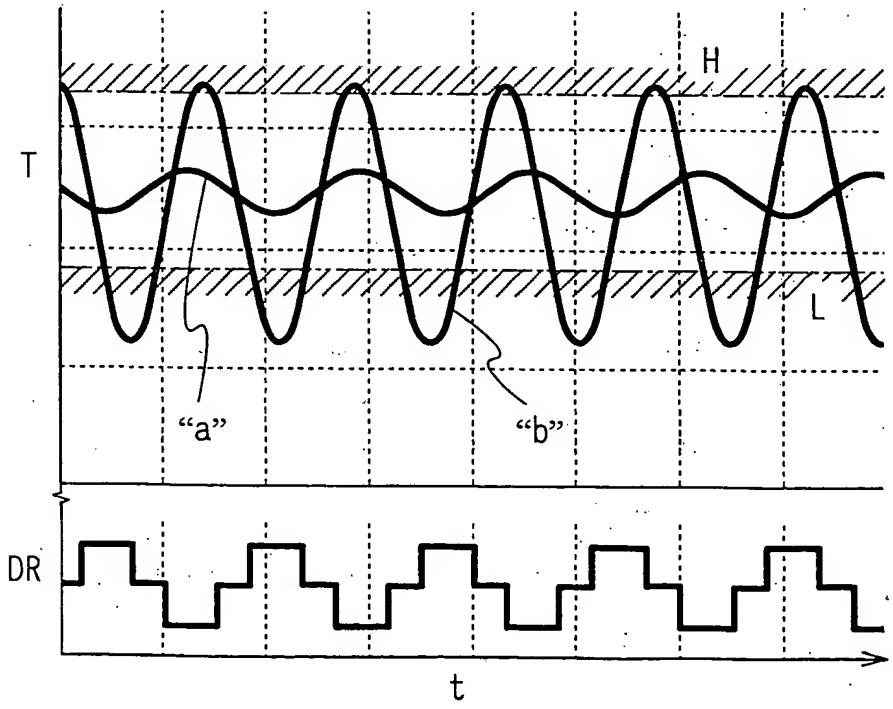

FIG. 12

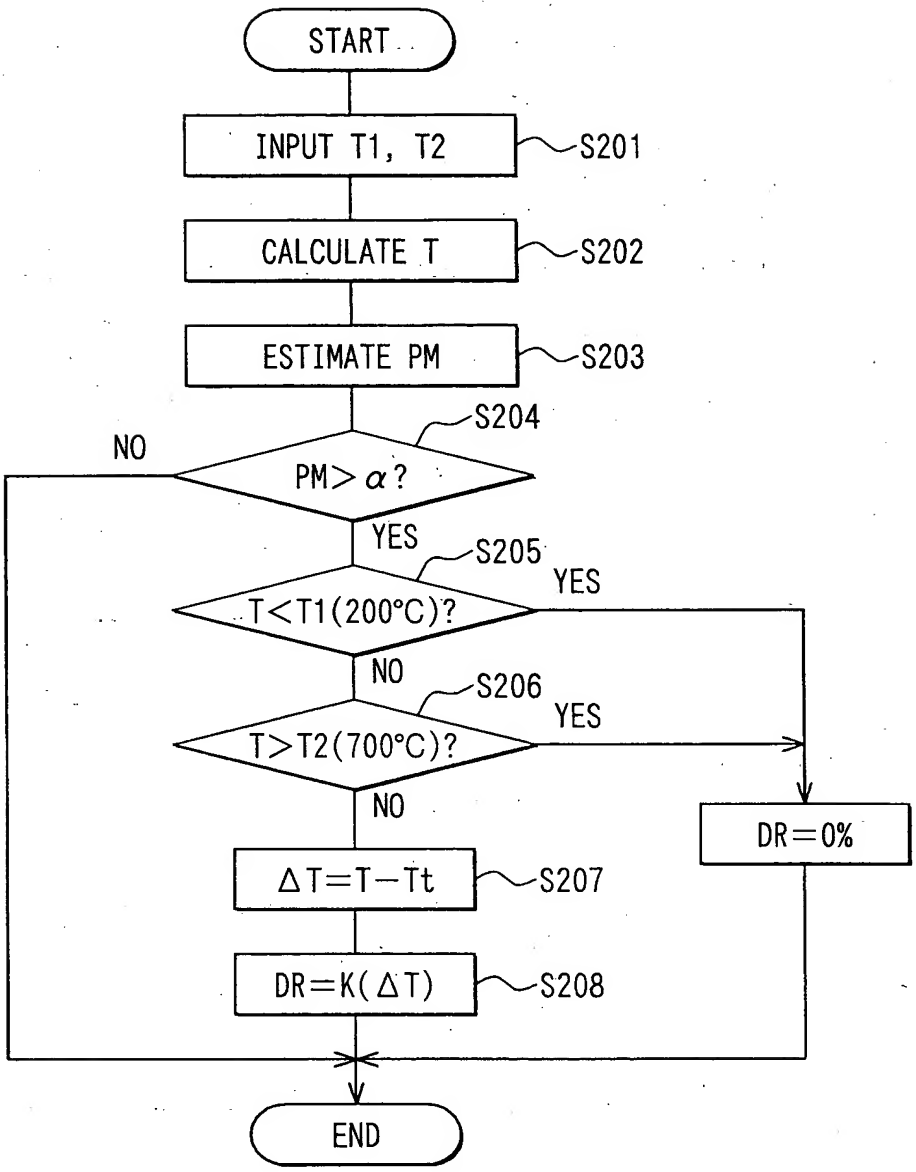
START
INPUT T1, T2
S201
CALCULATE T
S202
ESTIMATE PM
S203
S204
NO
PM> α ?
YES
S205
YES
T<T1(200°C)?
NO
S206
YES
T>T2(700°C)?
NO
DR=0%
ΔT=T−Tt
S207
DR=K(ΔT)
S208
END

FIG. 13
RELATED ART

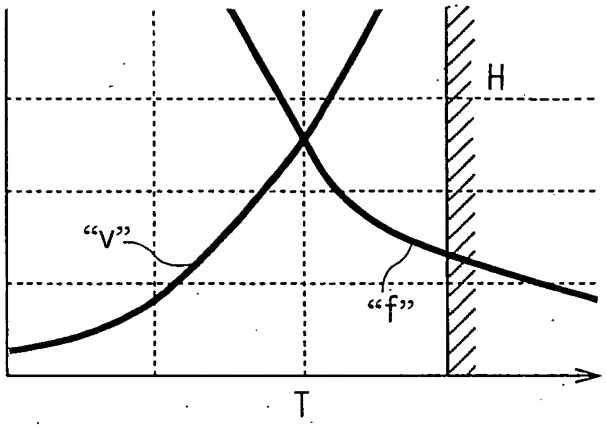

FIG. 14A
RELATED ART

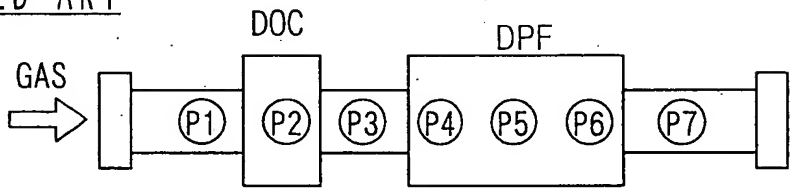

FIG. 14B
RELATED ART

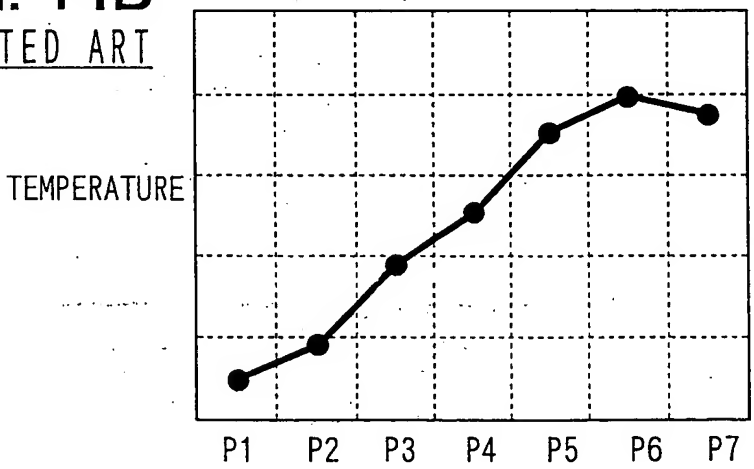

FIG. 15
RELATED ART

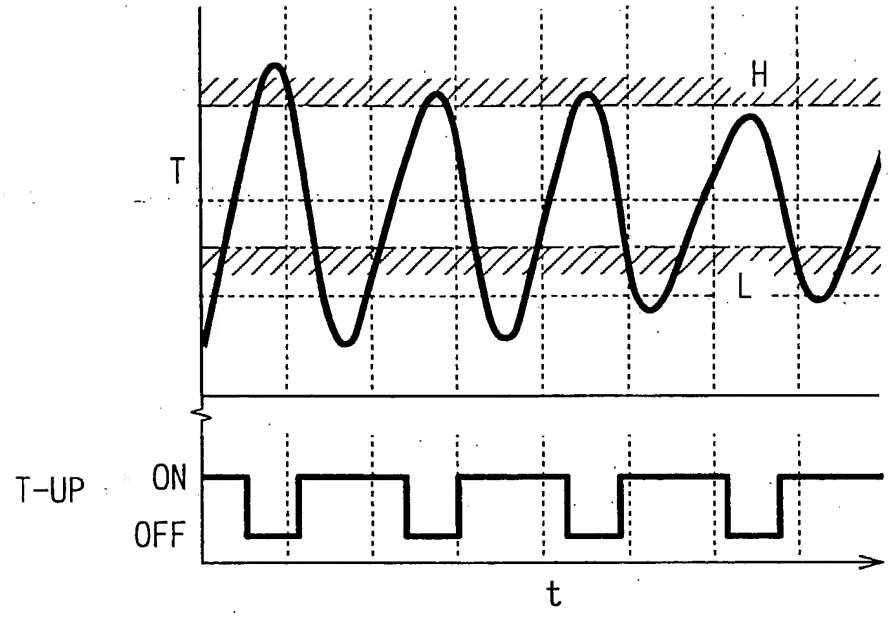

FIG. 16
RELATED ART